

IN THE CLAIMS

Please amend the pending claims (~~strikethrough~~ indicating deletion and underline indicating insertion) and enter new claims as follows:

1-11 (cancelled)

12. (currently amended) A molding according to claim 16 44, which is a biomedical device.

13. (original) A molding according to claim 12, which is a medical implant.

14. (currently amended) A molding according to claim 12, which is an ocular prosthesies.

15. (original) A molding according to claim 12, which is an implantable intraocular lens or artificial cornea.

16. (new) A hydratable porous polymer molding comprising a composition of at least one polymerizable hydrophilic monomer or macromer, an inert porogen having an inverse temperature-dependent solubility which can be retained in the composition, and a solvent; wherein the molding is formed by providing said composition at a temperature below the cloud point temperature of the composition, subjecting the composition to a polymerization reaction at a temperature around the cloud point temperature of the composition, and removing the porogen from the resulting porous polymer at a temperature below the cloud point temperature of the composition.

17. (new) A hydratable porous polymer material comprising a composition of at least one polymerizable hydrophilic monomer or macromer, an inert porogen having an inverse temperature-dependent solubility which can be retained in the composition, and a solvent; wherein the composition is polymerized at a temperature around the cloud point temperature of the composition, and the porogen is removed from the resulting porous polymer at a temperature below the cloud point temperature of the composition.

18. (new) The hydratable porous polymer material of Claim 17, wherein the composition is polymerized in a mold.